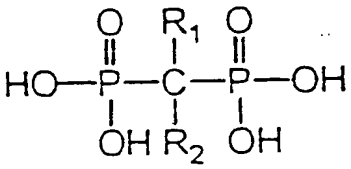
Process for treating lameness by administration of a bisphosphonic acid derivative

ABSTRACT

The invention relates to a process for treating lameness with an osseous, articular or osteoarticular component, comprising the administration, to a human or to an animal not suffering from arthritis or from fractures, of an effective amount of a bisphosphonic acid derivative of formula:



in which:

- R_1 represents a hydrogen atom, a halogen atom, a hydroxyl, an amino, a mono(C_1-C_4)alkylamino or a di(C_1-C_4)alkylamino;

- R_2 represents a halogen atom, a linear alkyl comprising from 1 to 5 carbon atoms which is unsubstituted or substituted with a group chosen from a chlorine atom, a hydroxyl, an amino, a mono(C_1-C_4)alkylamino or a di(C_1-C_4)alkylamino; a (C_3-C_7)cycloalkylamino,

or R_2 represents a phenoxy, a phenyl, a thiol, a phenylthio, a chlorophenylthio, a pyridyl, a pyridylmethyl, a 1-pyridyl-1-hydroxymethyl, an imidazolylmethyl or a 4-thiomorpholinyl,

of one of its pharmaceutically acceptable salts or of one of its hydrates.